



# Procurement and Property Management

Office of the Chief Financial Officer

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Date: August 15, 2014

Subject: Request for Proposal (RFP) No. 1041  
Old Town Demolition Project, Phase I  
**Addendum No. 3**

To: Subcontractor

## **GENERAL**

The following changes, modifications, corrections, clarifications, additions and/or deletions as set forth herein shall apply to the above referenced Invitation for Bid package and shall be made a part hereof and be subject to all of the requirements as though originally specified and/or shown.

### I. Bid Due Date:

Bid Due Date: September 9, 2014, 3pm Pacific Standard Time.

### II. Project Additions/Changes/Clarifications:

Subsequent to the pre-proposal conference held July 17, beryllium was detected above 10CFR850.31 release criteria in several the Building 5 floor drains. As a consequence of these results LBNL will evaluate, along with the other RFP Supplier Attributes, the Offeror's ability to provide a Chronic Beryllium Disease Prevention Program (CBDPP) that complies with the requirements of 10CFR850. Offerors shall provide with their proposal a description of their capabilities to prepare and implement such a program. Offerors shall also include a description of their relevant CBDPP experience within the last 5 years. The successful offeror will be required to submit for, and receive, LBNL approval of a 10CFR850-compliant CBDPP prior to issuance of a Notice to Proceed by the LBNL Subcontracts Administrator.

To aid development of Offerors' proposal, attached is guidance regarding the areas and depths of soil excavation that may be assumed. This guidance is provided to show soil assumed to be affected by removing foundations, utilities/underground pipes, and/or radiological contamination; the quantity of affected soil should be based on values presented in the Price Proposal Form. Refer to the attached Conceptual Areas for Excavation drawing.

The Non-Radiological Reconnaissance Level Characterization Report (RLCR) provided with the attachments to the RFP has been updated. Attached are updated (red-lined) pages 16, 35, 36, and 37 of the RLCR that provide clarification regarding results of lead and mercury characterization in Building 5.

The Soil Management Plan (SMP) is being revised. The significant changes to the SMP include new and revised requirements for the Subcontractor to prepare a soil excavation plan and to prepare two separate Sampling and Analysis Plans (SAPs): one related to all contaminants and one related only to PCB contaminants. The requirements associated with the preparation of the SAPs remain. Refer to the attached revised draft of SMP Revision 2, and to the SMP Rev 2 versus SMP Rev 1 comparison.

A revised draft of the LBNL-prepared Quality Assurance Project Plan (QAPjP) is attached. A final version of the document will be issued before contract award. The QAPjP addresses several areas of Quality Assurance including areas such as Data Generation and Acquisition, Data Review and Usability, Assurance and Oversight, and Documents and Records. Subcontractor responsibilities are described in the QAPjP.

III. Clarification Questions/Responses:

**Question Set F**

- F1. Drawing P0.1 (under abbreviations) indicates that the Mechanical Deactivation Plan is Not in Contract. However, this plan was provided as a reference document that "Contains Project Requirements". Please clarify this apparent discrepancy.

**Response:** The balloon on Demolition Plan Drawing P0.1 that indicates the Mechanical Deactivation Plan as being Not in Contract (NIC) is incorrect and shall be ignored. Offerors should refer to other notes on the Demolition Plan Drawings and in the Deactivation Plans. Refer also to the response for Question B11 in Addendum 2.

- F2. Who provides Rad I and II Training?

**Response:** LBNL provides an on-line Radiation Worker Training I (EHS0471) and a two part Radiation Worker II training (EHS0473 & EHS0478) on a first-come first-serve basis on an established schedule to limited classes. Subcontractor personnel may attend these classes at no cost; however due to the limits of the classes, the Subcontractor may choose to procure their own training or submit project specified Radiation Work II training that satisfies EHS0473 & EHS0478. As stated in the Project Manual Specification Section 013592, Paragraph 1.18A, "All Subcontractor personnel, including lower tier subcontractor personnel, required to work in area(s) identified and controlled for radiological hazards, must attend a radiation safety training session approved by the LBNL Radiation Protection Group or as agreed by contract. [...] Subcontractor may be required to secure their own Radiation Worker training from a non-LBNL source."

Also the RFP states the following: Subcontractor personnel working on-site may be required to complete safety or other training specific to the LBNL facility or worksite where the work will be performed. The required training courses will be specified in the Subcontract documents. Subcontractor costs for the training are reimbursable under the Subcontract to the extent that the costs are identified in the Subcontractor's proposal and incorporated into the resulting Subcontract by LBNL.

**LBNL Radiological Worker I, EHS0471 Course Summary**

This course delineates the health and safety risks of radiation exposure, basic radiation protection concepts, administrative controls, design features and engineering controls to enable safe work with radiation sources and radioactive material at LBNL while maintaining exposure As Low as Reasonably Achievable (ALARA). Additionally, this course covers information pertaining to the radiological work authorization program.

**LBNL Radiological Worker II, EHS0473 Course Summary**

This course presents the proper work practices and requirements for unescorted work in a posted Contamination Area, High Contamination Area, Airborne Radioactivity Area or High

Radiation Area, and enables safe work in such areas. The advanced concepts presented include: ALARA, Contamination Control, Radiation Monitoring and Documentation, Proper Use of Protective Clothing, and Spill Response.

LBNL Radiological Worker Practical Training, EHS0478 Course Summary

This course provides the appropriate level of hands on training in the following skill areas: Donning and doffing of Protective Clothing (PCs), proper use and selection of instrumentation, documentation of survey results, whole body frisking, and proper response to normal and off-normal conditions. Course completion will be achieved by the demonstration of the above listed skills.

- F3. If the contractor elects to remove the entire slab prior to removal of underground contaminated piping (which will require utility location for the penetration permit), will LBNL allow a second scan by LBNL Utility location service of the newly exposed soil area? Is there a limit on the number of times we can request a utility locate from LBNL for the same area?

**Response:** The number of LBNL-provided utility locates is not unlimited. LBNL will provide a reasonable number of utility locates. It is expected the Subcontractor will work with LBNL to most efficiently perform the scope including the best compromise of the total number of utility locates and schedule improvements. In addition, attached is a Survey of Utilities, Boring Marks, and Utility Marking Paint at Building 5 Area that can be used to locate utilities found within Building 5.

- F4. If the contractor elects to remove the entire slab prior to removal of underground contaminated piping are we still required to sawcut around drains, cleanouts, manholes, etc. to protect the lines prior to mechanical removal?

**Response:** Yes, the Subcontractor will be required to protect underground piping systems, including floor drains and cleanouts, during demolition of the slab to prevent unintentional breakage or leakage of contaminants into the soil and granular bedding material. The Underground Piping Removal Plan provided with the RFP includes the following requirement: "When exposing piping located beneath concrete or asphalt, first saw cut around existing cleanouts, floor drains, and valve boxes, and along the line itself to isolate those sections from the rest of the concrete or asphalt." After award, the Subcontractor may propose for LBNL consideration alternate approaches such as grouting or foaming the entire pipeline to fix the contamination within the pipe and thereby facilitating removal. However, if LBNL approves such alternate approaches Subcontractor will be fully responsible to ensure that the alternate approach does not impact downstream piping systems or adjacent facilities. It will be incumbent upon the Subcontractor to immediately stabilize and repair any such impacts at no cost to the University.

- F5. The contaminated piping removal procedure states that "if contamination is detected, STOP WORK and notify the EHS Project Lead. The EHS Lead will coordinate with the ESG, IH and RPG to arrange for further evaluation by LBNL subject matter experts". How much time should we account in our schedule for this review by LBNL disciplines?

**Response:** Following notification to the EHS Project Lead that contamination was detected during underground pipe removal, the Subcontractor should allow until the close of business on the next day for further evaluation by the LBNL subject matter experts.

- F6. The contaminated piping removal procedure states to "cut or snap (for cast iron pipes) the pipe". Is it acceptable to use a mini excavator bucket to break the line in a localized area with proper controls?

**Response:** For proposals Offerors should assume the allowable methods described in the LBNL Underground Piping Removal Plan. After award, the Subcontractor may propose for LBNL consideration alternate approaches for piping removal. LBNL would have to fully understand the proposed controls before accepting alternate methods, such as an excavator bucket, to break the line.

- F7. Please define the LBNL hold point for radioactive contamination found in soil?

**Response:** Two HOLD POINTS were mentioned in the Underground Piping Removal Plan: one HOLD POINT was mentioned in the last bullet of Section II; the second HOLD POINT was mentioned in the last paragraph of Section IV. Please see the following Underground Piping Removal Plan revisions which do not refer to HOLD POINTS. Also refer to the response to Question F5.

The last bullet of Section II of the Underground Piping removal plan is revised as follows: "Scan the suspected soil with a photo ionization detector (PID or equivalent instrument), a mercury vapor analyzer, and a radiological survey instrument. If contamination is detected, then STOP WORK and notify EHS Project Lead. Initiate soil sampling per the SAP to determine the concentration of the contaminants. The EHS Project Lead will coordinate with the ESG, IH, and RPG to arrange for further evaluation by LBNL subject matter experts."

The last paragraph of Section IV is revised as follows: "If contamination is suspected, soil, pipe sediment and liquids will be sampled and analyzed by the Subcontractor to appropriately profile the material for disposal. If radioactive contamination is detected in the soil above the limits established in Attachment 2 Table 1 of the Soil Management Plan (SMP), then the material (pipe, soil, etc.) must be managed as Low Level Waste or Low Level Mixed Waste (depending on the results of chemical testing) per the Waste Management Plan. If no radioactive contamination is detected in the sediment or in the piping, keep the sediment/pipe together and manage as non-hazardous or hazardous (depending on the chemical testing results on the sediment) per the Waste Management Plan."

#### **Question Set G**

- G1. Section I, states the bid due date remains August 24, 2014. The original bid due date was Monday, August 25, 2014. Please confirm the bid due date has not changed.

**Response:** The bid due date is August 25 2014; Addendum 1 was incorrect.

- G2. Section II, Item 2 the addition to the statement of work states an integrated project-specific program/procedure related to an integrated work control program (IWCP). Should the Offeror include preparation and review of a project-specific IWCP in the implementation schedule?

**Response:** Yes, Offerors should include preparation and review of a project-specific IWCP in the implementation schedule. As noted in Addendum 1, the IWCP should follow a graded-

approach, commensurate with the risks associated with the project; Buildings 5 and 16 are categorized as a Less than Hazard Category 3 Nuclear Facilities.

- G3. Section II, Item 17, 19, 41 and 42 adds scope and/or constraints on the contractor for performance of the statement of work. In each item indicates the work shall be performed at no additional cost to the University [LBNL]. Is the intent of this “no additional cost” statement for the Offer to include cost for performance of the additional scope and/or management of the constraints in the appropriate price schedule item and LBNL expects no qualifications in the offers related to additional scope or constraints identified in items 17, 19, 41 and 42?

**Response:** Yes, the intent of the statement that “the work shall be performed at no additional cost to the University [LBNL]” is that Offerors should include in their base price the costs associated items 17, 19, 41, and 42 of Addendum 1, Section II.

- G4. Specification Section 013529 - Environment Safety and Health Procedures is missing from the Addendum 1 reference documents. Please provide the revised Specification Section 013529.

**Response:** Project Manual Specification 013529 was included within the Project Manual provided with the RFP; this Specification Section is revised as described in Addendum 1, Section II, Items 27, 28, 29, and 30.

- G5. The Price Proposal Form has two Total Firm Fixed Price columns for the Project depending on the sequencing of activities but the individual pay items only have one column for pricing. What lump sum pricing should go into each individual base scope pay items, the price with or without limitations?

**Response:** The lump sum pricing to be included within the individual base scope items is the priced without limitations.

- G6. Specification Section 012300 – Alternates Section 1.2 Item D describes this option as “removal of restrictions regarding use of specific equipment to ALS shutdown periods”. Should this this statement read “removal of restrictions regarding use of specific equipment”? Please clarify.

**Response:** The intent of Project Manual Specification Section 012300, Paragraph 1.2, Alternates, is for Offerors to provide LBNL their cost reduction if LBNL were to remove the vibration-related restrictions. As described in the project documents, some equipment used at the ALS is very sensitive to external vibrations. LBNL understands that imposing schedule restrictions on the use of large equipment, such as track-mounted excavators and hydraulically-operated breakers (hoe-rams), delay the project and increase costs. For example, if the ALS shutdown constrained the Subcontractor’s schedule resulting in a lag before work could continue, then removing the lag by (removing the vibration restriction) would accelerate the Subcontractor’s schedule resulting in cost savings.

- G7. There are also some areas between the SWPPP and the Specs that conflict – the specs call for the contractor to write a SWPPP, but the SWPPP has been written by LBL. The SWPPP specifies the LBL staff will do the required inspections, but the specs put that responsibility on the contractors. Please clarify.

**Response:** Project Manual Specification Section 015723, Paragraph 1.1.A.1 indicates that a Stormwater Pollution Prevention Plan (SWPPP) must be prepared. An initial version of the

SWPPP was prepared by LBNL; it is LBNL's expectation that the initial version will be adopted and updated by the Subcontractor. The SWPPP is a "living document" and the Subcontractor will be required to amend the SWPPP in accordance with evolving project conditions. A state-certified Qualified Storm Water Developer is required to prepare amendments to the SWPPP. Amended SWPPPs must be provided to LBNL so that LBNL can upload them to the Regional Water Quality Control Board's electronic database.

The SWPPP currently lists LBNL personnel, Brendan Mulholland and Dave Cota, as storm water inspectors. It is LBNL's intention that these people will be available as backups in case there is an issue with respect to the Subcontractor's storm water inspector. The Subcontractor will be required to perform storm water inspections. A state-certified Qualified Storm Water Practitioner or Developer is required to perform inspections. Once the QSP or QSD inspector(s) is designated by the subcontractor, then the SWPPP must be amended with this information. All inspection reports must be provided to LBNL so that LBNL can upload them to the Regional Water Quality Control Board's electronic database.

- G8. General question, Addendum 1 included a substantial quantity of information which must be reviewed during the current proposal period and responses to Offeror questions are still pending. In consideration of the additional information and pending responses to questions will the University consider an extension of the proposal due date to September 8, 2014?

**Response:** See Section I. Bid Due Date.

#### **Question Set H**

- H1. RFP No. 1041 Addendum #2 states that Horton Sphere data is included in Addendum #1, but we cannot find the data. Will LBNL provide a reference where this data can be found or post the data to the LBNL procurement website?

**Response:** The response to Question A8 in Addendum 2 indicates that Horton Sphere data was provided as part of Addendum 1. This data was provided with the other Addendum 1 information on the [facilitiesprojects.lbl.gov](http://facilitiesprojects.lbl.gov) website and is provided in the file called "OTD-Ph1\_BBES\_B5 - Memo of Record.pdf"

#### **IV. Attachments:**

1. Quality Assurance Project Plan QAPjP, Rev 0 DRAFT
2. Soil Management Plan, Rev 2 DRAFT
3. Survey of Utilities at Building 5 Area, 3/26/2014
4. Reconnaissance Level Characterization Report RLCR Non-Rad Rev'd pages 16, 35, 36, and 37
5. Conceptual Areas for Excavation drawing

**End of Addendum**